

## INTERNATIONAL SEARCH REPORT

Internat Application No

PCT/NO 03/00183

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/66 H04J3/16 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 47199 A (ERICSSON TELEFON AB L M) 28 June 2001 (2001-06-28) page 1, line 24 -page 2, line 24 page 3, line 9 -page 4, line 5 page 6, line 4 - line 10 page 7, line 10 -page 9, line 12 abstract	1-11
X	US 2003/016697 A1 (JORDAN REUVEN D) 23 January 2003 (2003-01-23) paragraph [0025] - paragraph [0026] claims 1,6,16,22,28,29	1-11
X	WO 98 51113 A (NORTHERN TELECOM LTD ;DOLBY RIKI BENJAMIN (GB); JENKINS NIGEL PHIL) 12 November 1998 (1998-11-12) page 12, line 30 -page 13, line 23	1
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

19 December 2003

Date of mailing of the international search report

02.02.2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 790 552 A (BATTS MICHAEL DENIS ET AL) 4 August 1998 (1998-08-04) abstract	1
P,X	--- US 6 633 566 B1 (PIERSON JR FORREST L) 14 October 2003 (2003-10-14) column 3, line 44 -column 4, line 15 claims 1,5,9,16; figure 5 abstract	1-11
A	--- WO 97 08838 A (AUTRY GEORGE M IV ;LUTTRELL EDWARD N (US); RODERIQUE WILLIAM J (US) 6 March 1997 (1997-03-06) page 6, line 25 -page 8, line 17 page 24, line 1 -page 25, line 15 abstract -----	1-10

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Information on patent family members

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